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TESTIMONIALS

In favour of the appointment of

J. F. WHITEAVES, F.G.S.,

Honorary Member of the Ashmolean Society, Oxford, etc.,

AS

PALÆONTOLOGIST

TO THE

GEOLOGICAL SURVEY OF CANADA.

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From E. J. CHAPMAN, LL.D., PH. D.

Professor of Mineralogy and Geology in University College, Toronto.

UNIVERSITY COLLEGE, TORONTO,

June 30th, 1876.

MY DEAR SIR,

I hear that you are an applicant for the post of Palæontologist to the Geological Survey of Canada, left vacant by the death of our old friend Mr. Billings. The work that you have already done in connection with the Survey, and your very meritorious contributions to Natural Science generally, afford ample proofs of your thorough fitness for the office. Your appointment would, I know, be well received throughout the Dominion, by all whose judgment in a matter of this kind is of any value.

Believe me, my Dear Sir,

With best wishes for your success,

Very sincerely yours,

EDW. J. CHAPMAN.

J. F. WHITEAVES, Esq., etc., etc.,
Montreal.

From PROF. H. H. MILES, LL.D., D.C.¹.

Secretary to the Quebec Council of Public Instruction.

Mr. J. F. WHITEAVES, F.G.S., being a candidate for the position of Palæontologist to the Geological Survey, I beg to add my testimony in support of his claims.

I have known him from the time of his arrival in Canada, about fifteen years ago, when he had already established his reputation as a man of Science, skilled especially in the departments of Practical Zoology and Palæontology, and when his services in England, including numerous contributions to the extension of knowledge of those branches, had been amply recognized by the British Association for the Advancement of Science, the Ashmolean, Palæontographical and Geological Societies, of which last named body he was elected a Fellow in the year 1860.

In Canada, during the past fifteen years, Mr. Whiteaves has been continuously at work as a practical Zoologist and Palæontologist, one noted result of his labors being his admirable arrangement, classification and description of the collection in the Museum of the Montreal Natural History Society, which is regarded by competent Canadian judges, as well as by scientific visitors from abroad, as one of the very best and most useful public collections to be seen any where on this continent.

In the past three years he has been engaged in performing a large share of the official work of the late Mr. Billings, who was his intimate friend, and by whose lamented decease the vacancy has been created to which Mr. Whiteaves now seeks to be appointed.

The undersigned is therefore confident in the belief, that, in respect of fitness for the post in question, Mr. Whiteaves is the most eligible person at present amongst us, and that his appointment thereto would be both acceptable to the public and most conducive to the future efficiency and credit of the Geological Survey.

H. H. MILES.

From H. How, D.C.L.

Professor of Chemistry and Natural History in the University of King's College, Windsor,
Nova Scotia.

KING'S COLL., WINDSOR, N.S.,

Aug. 15th, 1876.

MY DEAR SIR,

As I consider it a duty to endeavour to advance the interests of science, economic as well as pure, I beg to say, in reply to your letter of the 10th instant, that from what I have learned of your work in Zoology and Palæontology, and your connection with the Geological Survey of Canada, it appears to me you would be well placed in the office of Palæontologist to the Survey, as successor to Mr. Billings, whom, as I understand, you assisted considerably in the latter part of his life.

You have done a good deal in Deep-Sea Dredging in the Gulf of St. Lawrence; you have worked on the Cretaceous and other Secondary fossils of Vancouver and other islands in the Gulf of Georgia, and shewn the remarkable fact that the fossils from the Coal Bearing rocks of the Queen Charlotte Islands exhibit a blending of Jurassic and Cretaceous types; and you are now engaged in completing your report on these and a beautiful series of Cretaceous fossils from Sucia Islands.

As I judge of the fitness of a man for a scientific post by the work he has done, I should be glad to hear that your just claims to be a fitting successor to Mr. Billings are wisely recognized by the Dominion Government.

Believe me,

Yours very truly,

HENRY HOW.

From T. STERRY HUNT, LL.D., F.R.S.

Professor of Geology in the Massachusetts School of Technology, formerly Chemist and Mineralogist to the Geological Survey of Canada, etc.

PHILADELPHIA, June 25th, 1876.

DEAR MR. WHITEAVES,

I am glad to learn that you are an applicant for the vacant post of Paleontologist to the Geological Survey of Canada. From my long acquaintance with you, extending over a period of fifteen years, and from my knowledge of your extended and successful studies in Paleontology, I think that you are eminently fitted for the post made vacant by the death of my friend and late colleague, Mr. E. Billings. I feel, of course, a great interest in the Geological Survey of Canada, with which I was connected for more than twenty-five years, and I am free to say that I think your appointment very desirable, and calculated to advance the science of Geology in Canada. I am persuaded that the enlightened Government of the Dominion will regard it in the same light. If I can in any way aid you in this matter, pray command my services, and meanwhile, believe me, dear Mr. Whiteaves,

Very sincerely yours,

T. STERRY HUNT.

From JAMES D. DANA, M.A., LL.D.

Professor of Geology and Mineralogy in Yale College: author of a "Manual of Geology," a "System of Mineralogy," of Reports in connection with the Wilkes' U. S. Exploring Expedition, on Geology, Zoophytes, Crustacea, etc.

NEW HAVEN (CONN.), July 13th, 1876.

MY DEAR SIR,

Learning of the vacancy in the Paleontological Survey of Canada, through the death of Mr. Billings, I take the liberty of writing a word of commendation of Mr. J. F. Whiteaves for the place. I have derived a high opinion of him as an able and earnest worker in Science, from his publications, and also of his qualifications for the study and description of fossils. I believe he will make a worthy successor to the learned Paleontologist who has hitherto brought honor to the Survey.

It was a great grief to me to learn of the death of Mr. Billings.

With high esteem,

Very truly yours,

JAMES D. DANA.

ALFRED R. C. SELWYN, Esq.,

Director of the Geological Survey of Canada.

From F. B. MEEK,

Palæontologist to the United States Geological Survey of the Territories,

and W. H. DALL,

In charge of the Alaska Coast Survey, and Author of "Alaska and its Resources."

SMITHSONIAN INSTITUTE,

WASHINGTON, June 30th, 1876.

DEAR SIR,

Having been informed that Mr. J. F. Whiteaves is a candidate for the post of Palæontologist to the Dominion Geological Survey, made vacant by the death of the late lamented Mr. Billings, it gives us pleasure to state, that in our opinion Mr. Whiteaves would successfully meet the requirement of the position should the responsibility devolve upon him, and that the high character of the Palæontological work of the Survey, so well and favorably known in scientific circles, would be maintained by him in a manner entirely satisfactory to the friends of the Survey, and those interested in the Palæontology of Canada.

Very respectfully yours,

F. B. MEEK.

W. H. DALL.

A. R. C. SELWYN, F.R.S.,

Director of the Geological Survey of the Dominion of Canada.

From E. S. MORSE, PH. D.

Of the Peabody Academy of Sciences, Salem, Mass. : formerly Professor of Comparative Anatomy and Zoology in Bowdoin College : Author of a "First Book of Zoology," etc. etc.

SALEM, MASS., July 13th, 1876.

MY DEAR SIR,

Understanding that you are a candidate for the position of Palæontologist to the Geological Survey of Canada, I desire to express my earnest wish that your application may be successful. It seems to me that you possess peculiar qualifications for the post. Your various memoirs on Palæontology, and your association with Mr. Billings and his modes of work, would seem to indicate your

entire fitness for the place. In addition, however, you possess what few Palæontologists or Geologists do possess, namely a good sound training in Zoology. Your various reports on deep-sea dredging, so familiar to us in the States, are the best possible evidences of the fitness you have for the post you aspire to. Nowadays, when the study of fossils and their proper interpretation are fraught with so much significance, it seems that a Palæontologist should be well versed in living animals, the special knowledge indeed that you possess, in order to interpret rightly the fragments of past life.

I can earnestly commend your special fitness for the office, and will aid you in any way you may indicate.

Very truly yours,

EDW. S. MORSE.

J. F. WHITEAVES, Esq.

From DR. A. S. PACKARD, JUN.,

Editor of the "American Naturalist"; Author of a "Guide to the Study of Insects," etc. etc.

SALEM, MASS., U. S., July 8th, 1876.

MY DEAR SIR,

In reply to yours of June 27th, I would say, that it gives me much pleasure to bear testimony to your proficiency in Palæontology and to express the hope that your labors in this field will be so far appreciated by the authorities of the Canadian Geological Survey that they may be led to tender you the post left vacant by the death of the late Mr. Billings. Certainly your studies of our recent marine animals, and of the fossils of the Mesozoic period, should enable you to work to good advantage on the Palæozoic fossils collected by the Survey, and I think you both competent and able to do any work of this sort that might be required.

Yours very truly,

A. S. PACKARD, JR.

J. F. WHITEAVES, Esq.,

From ALPHEUS HYATT,

Professor of Palæontology and Comparative Zoology at the Massachusetts Institute of Technology;
Curator of Palæontology to the Boston Natural History Society, and to the Museum of Comparative Zoology at Cambridge, Mass.

EASTPORT (MAINE), July 18th, 1876.

J. F. WHITEAVES, Esq

DEAR SIR,

It gives me great pleasure to be able to respond immediately and without reserve, to your letter requesting the endorsement of my name to your application for the position of Palæontologist on the Canadian Survey.

So far as that can be of any service to you, you are most heartily welcome to it. I have been more or less familiar with your zoological writings for several years past, and feel that these, in conjunction with your Palæontological memoirs, shew you to be admirably fitted to fill the position.

I say this with all the more earnestness because of the great rarity of proper zoological training among Palæontologists. We find throughout Europe and this country many good Geologists dealing with Palæontology wholly from that stand-point, as if animal fossils were mere crystalline forms, and could only be used to distinguish one formation from another, things belonging to and part of the rocks in which they are found, and teaching nothing outside of their immediate surroundings. We find, however, only very rarely a Palæontologist who treats fossils as if they had once been living members of a peculiar fauna, with a history of their own prior to the time of fossilization. You are probably as well aware of this as I am, and can excuse the apparent dogmatism of such a statement, especially if you had to contend with it all the time, as I have been obliged to do.

If you are the successful candidate, I beg you will give me early notice of your success, and in the meantime use this note in any way which may seem best to you. If it can in any way contribute to your undertaking, I shall be much pleased.

Very truly yours,

ALPHEUS HYATT.

From J. J. BIGSBY, M.D., F.G.S.

Formerly British Secretary to the Canadian Boundary Commission : Mem. Amer. Phil. Society, Philadelphia : Cor. Mem. Ac. Nat. Sciences of Philadelphia and St. Louis, of the Lyceum of Nat. Hist., New York : Hon. Mem. Royal Bohemian Museum, Prague : Author of the "Thesaurus Siluricus, or the Flora and Fauna of the Silurian Period"; etc. etc.

89 GLOUCESTER PLACE, PORTMAN SQUARE,

LONDON, July 12, 1876.

DEAR SIR,

The office for which you seem to be a worthy candidate is very important in itself, and made most honorable by the very great scientific merits of the gentleman you seek to succeed.

When I consider your long and ardent attachment to Palæontology, your many and valuable labours, in the field and in the museum, and the very many like duties in which you are now employed by the Director-General of the Geological Survey of Canada, your fitness for the post desired seems unusually clear.

When I saw you in London, just before you left for Canada, your appearance, manners and history greatly prepossessed me in your favor—what impression you have made as a fellow-laborer at Montreal, others will readily say.

I am, Dear Sir,

Yours sincerely,

J. J. BIGSBY.

From H. ALLEYNE NICHOLSON, M.D., D. Sc., F.R.S.E.

Professor of Natural History in the University of St. Andrews, Scotland : late Professor of Natural History in the University of Toronto : Author of "a Report upon the Palæontology of the Province of Ontario" : of a "Monograph on the British Graptolitidæ" : of a "Manual of Zoology," a "Manual of Palæontology," etc., etc.

UNITED COLLEGE, ST. ANDREWS, SCOTLAND,

July 14th, 1876.

DEAR MR. WHITEAVES,

Understanding that you are a candidate for the post of Palæontologist to the Geological Survey of Canada, I have very great pleasure in thus formally expressing the high opinion that I have always entertained as to your fitness for any position demanding an extensive and accurate knowledge of Zoology, Palæontology, and

the cognate sciences. Your fellow-workers know well with what disinterested devotion you have labored for many years in the investigation of scientific truth, and your published researches have given you a well-recognized rank in the scientific world.

I know no one better qualified in every respect to undertake the laborious duties of the Palæontologist of the Geological Survey than yourself, and I trust you will be successful in your application.

Believe me,

Yours very truly,

H. ALLEYNE NICHOLSON.

From HENRY WOODWARD, F.R.S., F.G.S., F.Z.S.

Of the Department of Geology, British Museum : Editor of the Geological Magazine.

BRITISH MUSEUM, LONDON, 19th July, 1876.

DEAR MR. WHITEAVES,

Understanding you are a candidate for the office of Palæontologist to the Geological Survey of Canada, rendered vacant through the lamented death of Mr. E. Billings, I willingly offer my testimony in your favor.

From the year 1858 to 1861 I had the pleasure of seeing you frequently, and you were at that time a most zealous naturalist and palæontologist, and one of the late Prof. Phillips' most able coadjutors at the Oxford University. Since 1861, owing to your residence in Canada, I believe I have only seen you during a single visit paid to England ; but we have frequently corresponded, and I have carefully noted your labours during the past 15 years in connection with the Natural History Society of Montreal, recorded in the "Canadian Naturalist and Geologist," and elsewhere.

Your acquaintance with Recent Zoology and Botany, as well as with Fossils gives you a great advantage ; indeed I know of no one better qualified or whom I could more strongly recommend for the post you seek to obtain.

Wishing you that success to which I feel your published work entitles you to aspire to attain,

Believe me to be,

Yours very truly,

HENRY WOODWARD.

From G. ROLLESTON, M.D., F.R.S.

Linacre Professor of Anatomy and Physiology in the University of Oxford : Author of "Forms of Animal Life."

ANATOMICAL DEPARTMENT, MUSEUM,

OXFORD, July 27th, 1876.

Having been brought into personal relations with Mr. J. F. Whiteaves, I have the more pleasure and the more confidence in bearing my testimony to his scientific merits.

Mr. Whiteaves has the best qualifications for the post of a Palæontologist, being, as he is, an excellent Zoologist to begin with, and having continuously worked upon the sound foundation thus laid, widening it by such work as that of his Dredging Expeditions, building upon it by such work as that of his Memoirs on various Fossiliferous Strata.

From my personal knowledge of Mr. Whiteaves, I should strongly recommend him as possessing those other than scientific qualifications which are indispensable for the making of a useful colleague.

I shall be glad to hear of his success, and his appointment will be considered by others one which would be naturally made under all the circumstances of the case, so far as they are known to me.

GEORGE ROLLESTON.

From JOSEPH PRESTWICH, M.A., F.R.S.

Professor of Geology in the University of Oxford.

34 BROAD ST., OXFORD, July 31st, 1876.

DEAR SIR,

I understand from my friend Dr. Rolleston that you are a candidate for the post of Palæontologist to the Geological Survey of Canada.

Although I have not the pleasure of your personal acquaintance, I know you very well by your works in the neighbourhood of Oxford. Notwithstanding the district had been so long known and investigated, the additions made by you and published in the Report of the British Association for 1860, to the Invertebrate Fauna of the Oolitic series, are most important and considerable. I only regret you are not still with us to extend your researches here. You are now however in a wider field, and it will give me pleasure to hear of your receiving an appointment so congenial with your taste and studies.

I am, Dear Sir,

Yours faithfully,

JOSEPH PRESTWICH.

